## 2022.3.9：新增ResU\_Net\_Skeleton\_Softmax

将self.skeleton\_classifier 到 self.skeleton\_head等部分中的nn.ReLU去除，并替换为Softmax，用以保证权重加起来为1。同时，乘以了特征图的数量，保证权重前后之和与初始的全为1的时候一样。

例：

原先

self.skeleton\_deconv\_4 = nn.Sequential(

            nn.Linear(256, 512, bias=True),

            nn.ReLU(inplace=True),

            nn.Linear(512, 512, bias=True),

            nn.ReLU(inplace=True)

        )

weight\_dc4 = self.skeleton\_deconv\_4(weight\_dc3)

现在

self.skeleton\_conv\_4 = nn.Sequential(

            nn.Linear(512, 256, bias=True),

            nn.ReLU(inplace=True),

            nn.Linear(256, 256, bias=True),

        )

weight\_dc4 = self.softmax(self.skeleton\_deconv\_4(weight\_dc3))

weight\_dc4 = weight\_dc4\*weight\_dc4.shape[1]

需要注意的是，不能将weight\_dc4 = weight\_dc4\*weight\_dc4.shape[1]，写成weight\_dc4 \*= weight\_dc4.shape[1]，否则会报BP错误。